Car Camera / Mini DVR
With built-in SD Card Recorder
Users Manual

Product Overview

This product can be used in various types of vehicles. It records directly to an SD card, which can be viewed via computer or TV/VCR. We highly recommend reading this user manual in its entirety before using this product.

Dash Mounted Car Camera Set Includes:

- Dash Mounted Car Camera
- Dash Mounting Bracket
- Car Power Adaptor
- Video Output Cable
- Instruction Guide

1. Installation

a. Position the unit in the desired location in your vehicle. (Use the laser to determine the direction of the camera.)
b. Once the location is decided tighten the bolt.
c. Finally, remove the paper and expose the adhesive tape and set in the desired location.

2. Operation

a. Provide power to the unit (2 sources)
   i. Three AAA batteries
   ii. Cigarette lighter adapter (12V direct current): electricity is supplied by the vehicle power through connecting 12V power link to the cigarette lighter adaptor of the vehicle.

b. Insert SD Card (Use standard SD Cards Only 512MB – 2 GB) Please insure the SD Card write protection lever is in the unlock position prior to inserting.
c. To Record: Press and hold the power button for two seconds to turn unit on and begin recording. The “WORK LED” indicator will start out as solid then flash, indicating that the unit is recording to the SD/MMC card.
d. To get unit to standby press “Play” and the “WORK LED” will be solid blue.
e. To resume recording from standby press “Play” again.
f. In the standby mode (continuously illuminated “WORK LED”), press and hold the power button for approximately three seconds to power off unit.
g. Be sure that unit is in the off position prior to installing or removing SD Cards.

3. Viewing Video - Two Methods

Computer

1. Remove the SD card from the device.
2. Insert the card into the SD reader on your computer (if your computer does not have an SD Card reader you may purchase one at http://www.spytechs.com/video_accessories/sd-card-adaptor.htm)
3. Once your computer recognizes the card a window will open in which you can select "Play using Windows Media Player" or "Open folder to view files using Windows Explorer". Either one can be used to access the information on the card.

   The files can also be accessed by clicking on my computer, then selecting the proper removable disk.

AV out

1. Connect the unit to your television by using the provided cable and plugging it into the AV out plug on the device, and plugging the other end into an available video input on a television.
2. Then power on the unit and press play to view the videos.

Important Reminders:

1. This camera has no internal memory, so the SD card must be placed in the unit to have the ability to record.
2. The camera records in cycles. It saves the data in files, and after 50 minutes a new file is automatically created to keep the file sizes manageable.
3. Between saves there is a 1 – 2 second delay in which the unit will not record.
4. When the camera is running and the batteries are almost depleted the "LOW POWER" light will flash, and at this time the batteries should be changed.

Important Notice:

1. This unit is NOT water proof. Do NOT expose to water, high humidity or other liquids.
2. The batteries should not be exposed to excessive heat such as sunlight, fire or the like.
3. Do NOT throw used batteries in the trash. Consumed batteries must be properly disposed of.
4. Danger of explosion if batteries are incorrectly replaced. Please make sure batteries are installed correctly.

Specifications

Number of Dot	320*240
Consumption current	220mA
SD/MMC card	128MB-2GB
File format	AVI
DC supply voltage	DC12V
Battery supply voltage	4.5V(AAAx3pcs)
Working temperature	-10°c~+50°c
Viewing angle	50°~60°
External dimension	49.6(L)x109.8(W)x15(H)mm
Weight	55g